MONITORAMENTO SISTEMÁTICO
RIOS DO ESTADO DO RIO DE JANEIRO
RH V - Baía de Guanabara
Bacia da Baía de Guanabara

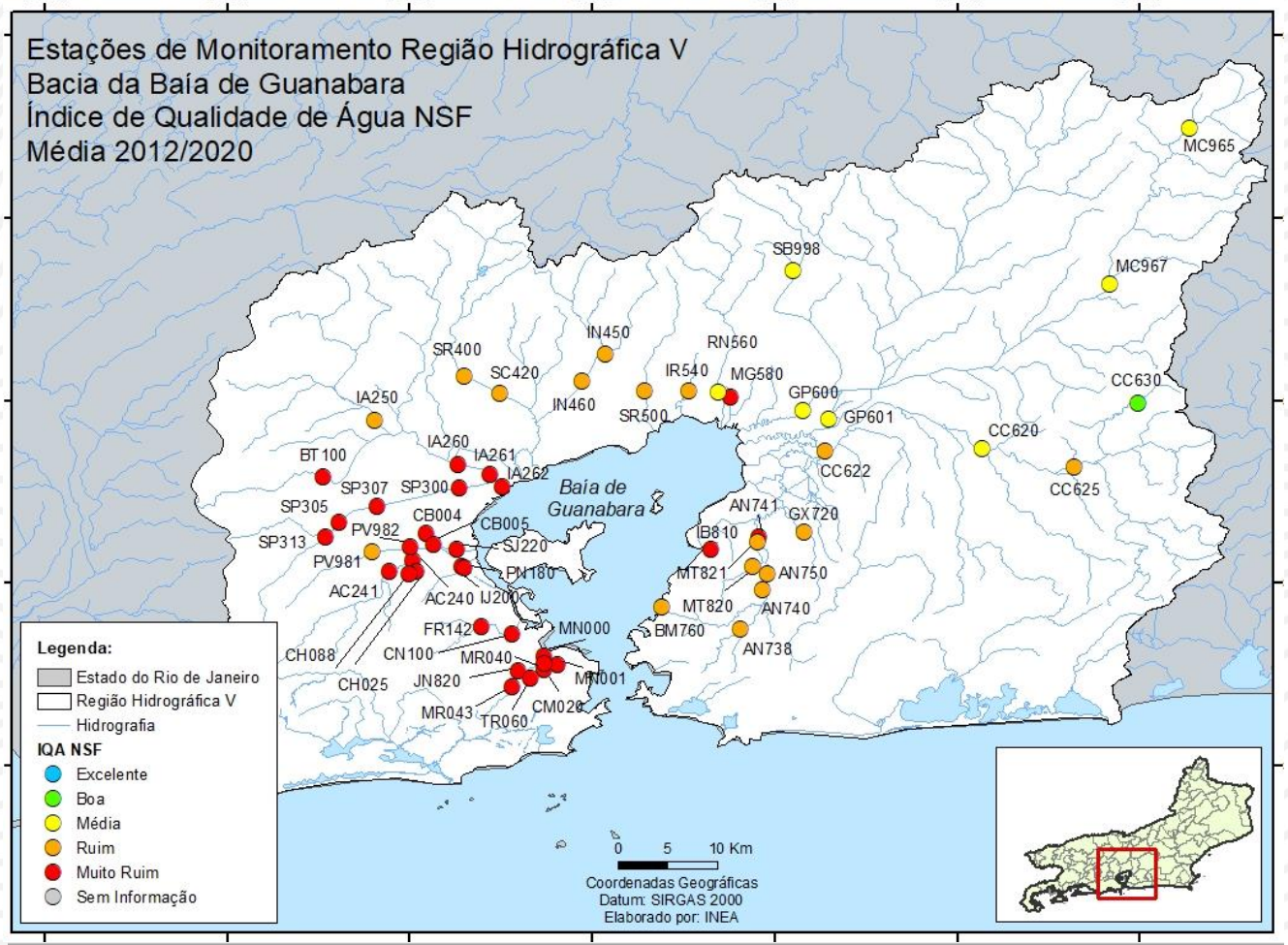
IQA_{NSF} Médio
Período Consolidado
2012/2020

GEIHQ
Gerência de Informações Hidrometeorológicas e Qualidade das Águas

DISEQ
Diretoria de Segurança Hídrica e Qualidade Ambiental

inea instituto estadual do ambiente
SEAS Secretaria de Estado do Ambiente e Sustentabilidade
GOVERNO DO ESTADO RIO DE JANEIRO VAMOS VIRAR O JOGO

IQA Médio 2012/2020 (Parte 1)
RH V - Baía de Guanabara (Bacia da Baía de Guanabara)

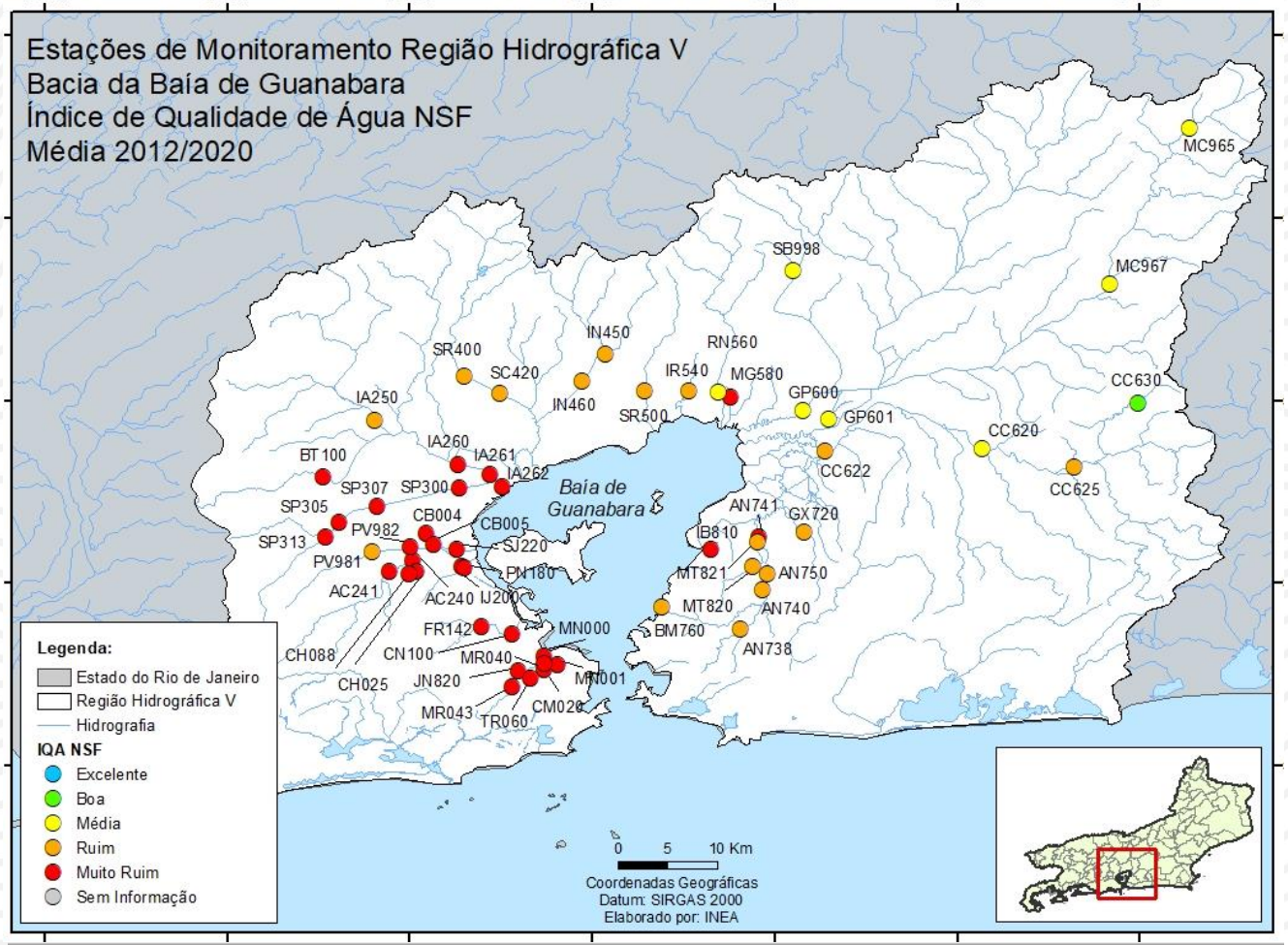


EXCELENTE	BOA	MÉDIA	RUIM	MUITO RUIM
100 ≥ IQA ≥ 90	90 > IQA ≥ 70	70 > IQA ≥ 50	50 > IQA ≥ 25	25 > IQA ≥ 0
Águas apropriadas para tratamento convencional visando o abastecimento público			Águas impróprias para tratamento convencional visando abastecimento público, sendo necessários tratamentos mais avançados	

Ponto	Rio	IQA Média
AC240	Rio Acarí	20,55
AC241		23,92
AN738	Rio Alcântara	30,69
AN740		28,77
AN741		21,79
AN750		27,19
BM760	Rio Bomba	28,85
BT100	Rio Bota	23,02
CB004	Rio Caboclo	17,81
CB005		17,26
CC620	Rio Caceribú	57,66
CC622		40,91
CC625		41,29
CC630		72,56
CH025	Rio dos Cachorros 1	17,47
CH088	Rio dos Cachorros 2	16,97
CM020	Rio Comprido	20,88
CN100	Canal do Cunha	19,73
FR142	Rio Farias	19,64
GP600	Rio Guapi	53,01
GP601		58,82
GX720	Rio Guaxindiba	25,41
IA250	Rio Iguaçu	41,33
IA260		24,12
IA261		23,51
IA262		23,79
IB810	Rio Imboassú	19,95
IJ200	Rio Irajá	17,10

IQA_{NSF} Médio RH V – 2012 a 2020 – INEA/DISEQ/GEIHQ

IQA Médio 2012/2020 (Parte 2)
RH V - Baía de Guanabara (Bacia da Baía de Guanabara)



EXCELENTE	BOA	MÉDIA	RUIM	MUITO RUIM
100 ≥ IQA ≥ 90	90 > IQA ≥ 70	70 > IQA ≥ 50	50 > IQA ≥ 25	25 > IQA ≥ 0
Águas apropriadas para tratamento convencional visando o abastecimento público			Águas impróprias para tratamento convencional visando abastecimento público, sendo necessários tratamentos mais avançados	

Ponto	Rio	IQA Média
IN450	Rio Inhomirim	43,99
IN460		41,45
IR540	Rio Iriri	41,82
JN820	Rio Joana	21,39
MC965	Rio Macacu	69,55
MC967		59,26
MG580	Rio Magé	22,94
MN000	Canal do Mangue	19,40
MN001		24,98
MR040	Rio Maracanã	20,30
MR043		23,37
MT820	Rio Mutondo	25,31
MT821		25,28
PN180	Canal da Penha	17,81
PV981	Rio Pavuna	26,54
PV982		21,86
RN560	Rio Roncador	53,58
SB998	Rio Soberbo	53,35
SR400	Rio Saracuruna	36,57
SC420		33,54
SJ220	Rio São João de Meriti	18,68
SP300	Rio Sarapuí	18,83
SP305	Rio Sarapuí	22,48
SP307		22,63
SP313		22,66
SR500	Rio Suruí	42,69
TR060	Rio Trapicheiro	20,51

IQA_{NSF} Médio RH V – 2012 a 2020 – INEA/DISEQ/GEIHQ

RH V Baía de Guanabara (Bacia da Baía de Guanabara)
Evolução do IQA Médio anual (Parte 01)

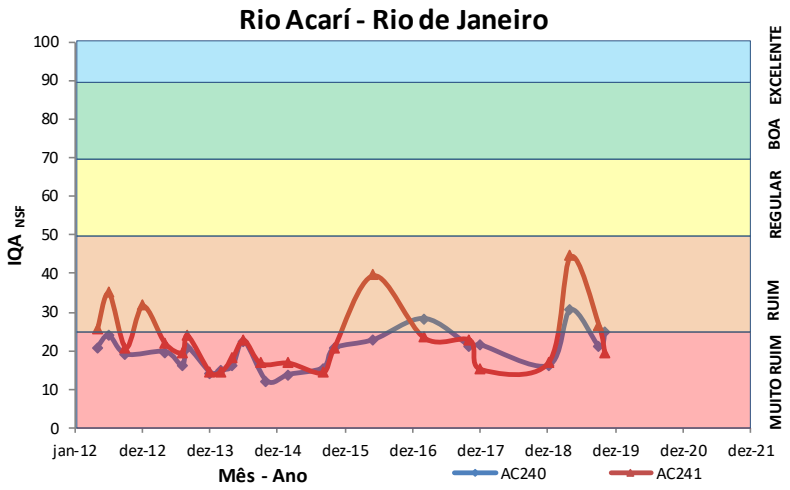
Ponto	Rio	Município	IQA Médio Anual								
			2012	2013	2014	2015	2016	2017	2018	2019	2020	IQA Médio
AC240	Rio Acarí	Rio de Janeiro	21,23	18,77	15,88	16,59	22,78	24,71	21,36	23,11		20,55
AC241			27,21	24,35	17,39	17,39	39,63	23,18	15,26	26,93		23,92
AN738	Rio Alcântara	São Gonçalo	29,52	28,80	27,29	29,09	37,48	32,13		30,52		30,69
AN740			37,59	29,92	23,78	22,67	33,83	25,11	25,49	31,78		28,77
AN741			24,56	22,20	19,51	23,47	26,70	22,16	16,46	19,29		21,79
AN750			28,70	27,91	23,43	23,12	34,61	24,60	28,72	26,46		27,19
BM760	Rio Bomba		32,77	27,23	24,98	30,03	32,45	27,31	28,70	27,36		28,85
BT100	Rio Bota	Belford Roxo	28,33	24,30	17,99	14,79	36,81	21,63	16,46	23,84		23,02
CB004	Rio Caboclo	Duque de Caxias			20,71	14,92	21,54	17,95	15,76	15,96		17,81
CB005					21,14	14,12	20,52	16,96	15,68	15,15		17,26
CC620	Rio Caceribú	Itaboraí	59,47	56,47	55,05	53,65	65,66	49,91	57,38	63,67		57,66
CC622		Guapimirim	41,50	40,65	46,54	38,55	23,50	59,76	28,17	48,63		40,91
CC625		Tanguá	39,01	46,31	37,27	30,48	52,62	37,93	42,26	44,42		41,29
CC630		Rio Bonito	68,32	69,64	69,59	74,13	71,83	79,21	73,81	73,96		72,56
CH025	Rio dos Cachorros 1	Rio de Janeiro			17,13	13,93	20,96	16,63	18,23	17,96		17,47
CH088	Rio dos Cachorros 2				19,19	14,62	22,11	15,48	14,89	15,54		16,97
CM020	Rio Comprido		29,03	22,96	18,34	17,18	21,82	16,62	17,96	23,11		20,88
CN100	Canal do Cunha		23,35	18,79	21,78	15,85	24,77	16,32	19,47	17,53		19,73
FR142	Rio Farias		23,32	23,11	17,00	16,49	21,24	21,43	16,36	18,20		19,64
GP600	Rio Guapi	Guapimirim	53,35	56,07	55,74	49,39	37,24	64,39	60,14	47,77		53,01
GP601			68,50	54,44		57,69	50,27			63,23		58,82
GX720	Rio Guaxindiba	São Gonçalo	30,97	31,89	20,99	22,29	27,54	22,77	17,99	28,83		25,41
IA250	Rio Iguaçu	Duque de Caxias	36,80	43,22	36,34	30,52	49,93	46,35	43,72	43,76		41,33
IA260			24,12	23,57	20,13				28,96	23,82		24,12
IA261			23,41	26,41	20,70							23,51
IA262			25,91	25,90	19,57							23,79
IB810	Rio Imboassú	São Gonçalo	20,10	23,32	17,68	19,31	21,96	20,61	16,18	20,48		19,95
IJ200	Rio Irajá	Rio de Janeiro	16,56	17,94	20,18	15,23	18,01	17,60	14,71	16,60		17,10

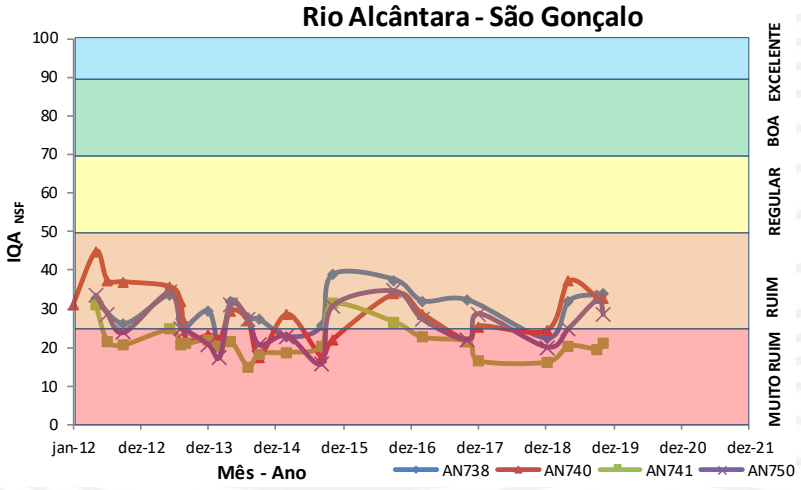
RH V Baía de Guanabara (Bacia da Baía de Guanabara)
Evolução do IQA Médio anual (Parte 02)

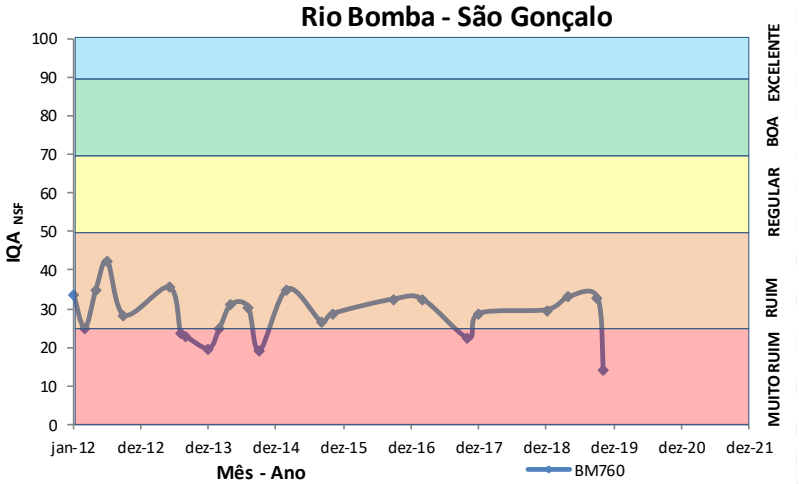
Ponto	Rio	Município	IQA Médio Anual									
			2012	2013	2014	2015	2016	2017	2018	2019	2020	IQA Médio
IN450	Rio Inhomirim	Magé	41,39	40,51	37,46	35,01	51,03	51,03	47,47	48,02		43,99
IN460			35,24	39,08	37,28	32,10	53,44	49,54	40,87	44,06		41,45
IR540	Rio Iriri		51,59	39,44	43,54	35,57	42,25	47,61	30,18	44,33		41,82
JN820	Rio Joana	Rio de Janeiro	31,75	25,16	23,35	18,72	24,67	13,10	14,12	20,26		21,39
MC965	Rio Macacu	Cachoeiras de Macacu	72,21	69,06	62,39	58,35	75,81	77,22	69,16	72,18		69,55
MC967			55,61	57,42	55,53	60,67	59,07	61,89	64,84	59,07		59,26
MG580	Rio Magé	Magé	26,10	20,10	19,14	14,65	25,92	15,77	29,24	32,61		22,94
MN000	Canal do Mangue	Rio de Janeiro	18,51	22,30	19,70	19,63	25,57	17,78	15,94	15,80		19,40
MN001			31,23	22,34	23,61	23,10	24,01	23,86	26,00	25,65		24,98
MR040	Rio Maracanã		26,24	24,21	20,09	16,65	23,93	17,61	14,97	18,69		20,30
MR043			27,45	26,06	20,59	17,51	29,28	22,16	20,45	23,43		23,37
MT820	Rio Mutondo	São Gonçalo	30,20	27,34	22,81	22,49	28,45	25,99	20,60	24,57		25,31
MT821				23,98	20,68	26,07		30,40				25,28
PN180	Canal da Penha	Rio de Janeiro	18,49	19,65	18,29	15,60	20,05	17,53	18,20	14,65		17,81
PV981	Rio Pavuna		30,63	28,67	21,65	21,57	34,90	26,89	23,97	24,03		26,54
PV982		São João de Meriti	21,69	19,11	20,60	17,44	23,97	26,01	23,61	22,50		21,86
RN560	Rio Roncador	Magé	60,07	59,81	52,00	54,03	60,89	58,13	32,55	51,16		53,58
SB998	Rio Soberbo	Guapimirim	55,90	52,06	53,04	46,02	63,04	62,71	36,41	57,61		53,35
SR400	Rio Saracuruna	Duque de Caxias	34,06	38,22	32,05	33,27	41,21	39,63	37,67	36,45		36,57
SC420			37,23	34,88	28,52	30,45	35,39	34,39	35,51	31,94		33,54
SJ220	Rio São João de Meriti		19,42	19,88	18,44	15,29	28,35	16,24	15,55	16,25		18,68
SP300	Rio Sarapuí	D.Caxias	20,15	22,55	17,43	15,10	19,08	17,44	20,35	18,58		18,83
SP305	Rio Sarapuí	São João de Meriti	22,57	22,97	18,84	17,73	37,86	19,64	17,02	23,22		22,48
SP307			21,97	18,94	17,32	18,24	32,81	23,43	23,21	25,12		22,63
SP313			22,82	19,60	19,89	19,04	39,74	20,18	16,59	23,41		22,66
SR500	Rio Suruí	Magé	47,67	46,32	40,30	35,28	53,64	38,09	33,44	46,74		42,69
TR060	Rio Trapicheiro	Rio de Janeiro	23,01	25,92	21,09	18,60	21,30	17,36	17,61	19,20		20,51

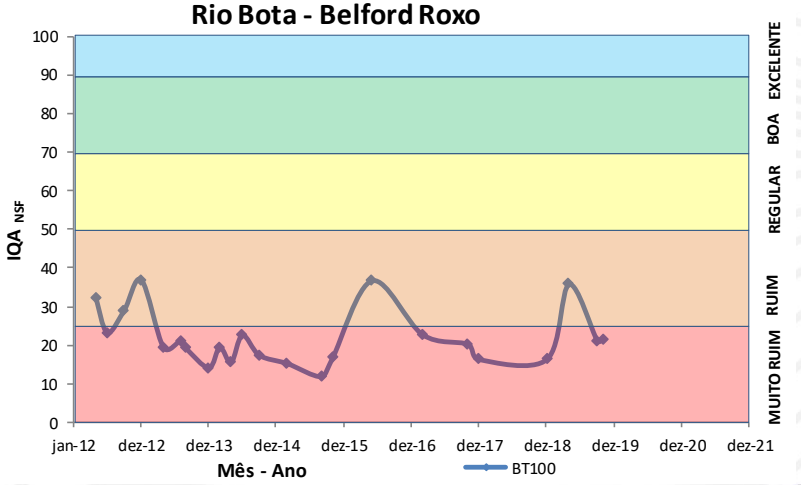
RH V Baía de Guanabara (Bacia da Baía de Guanabara)
Evolução do IQA Mensal

RH V





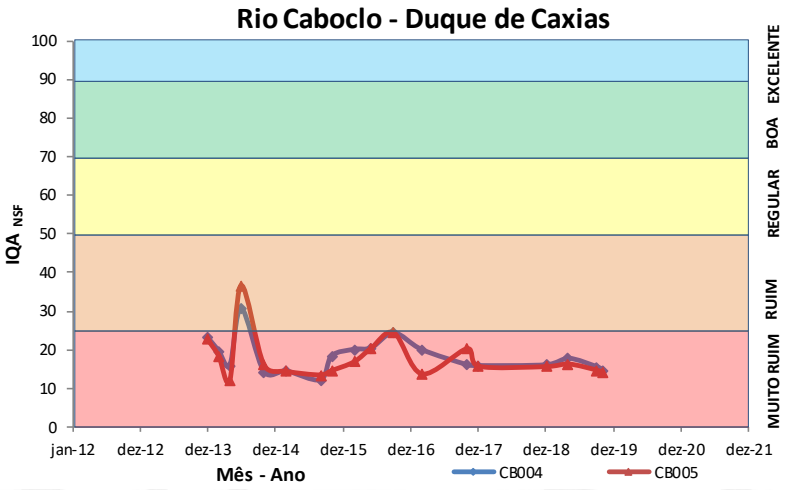


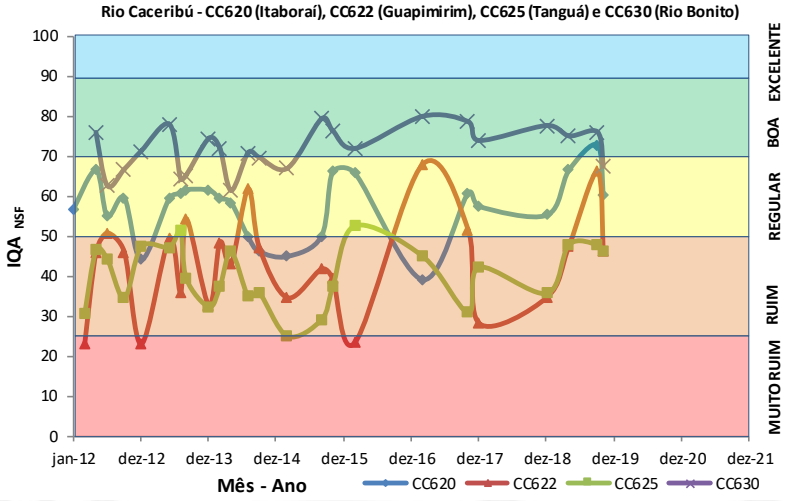


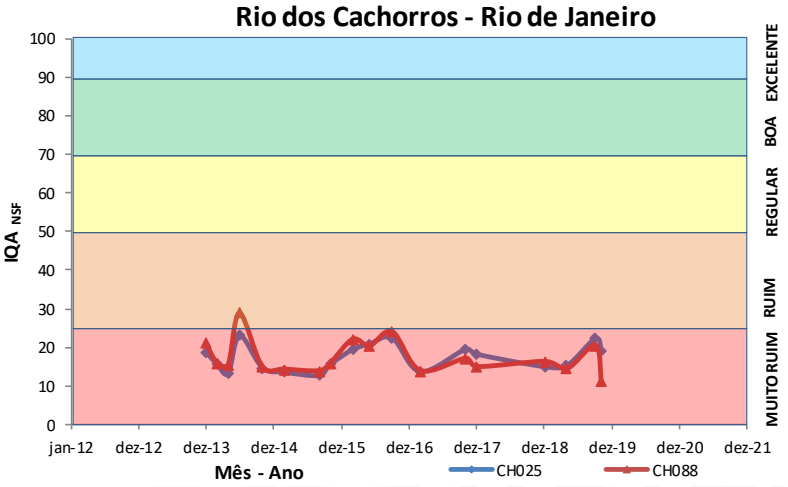
IQA_{NSF} Médio RH V – 2012 a 2020 – INEA/DISEQ/GEIHQ

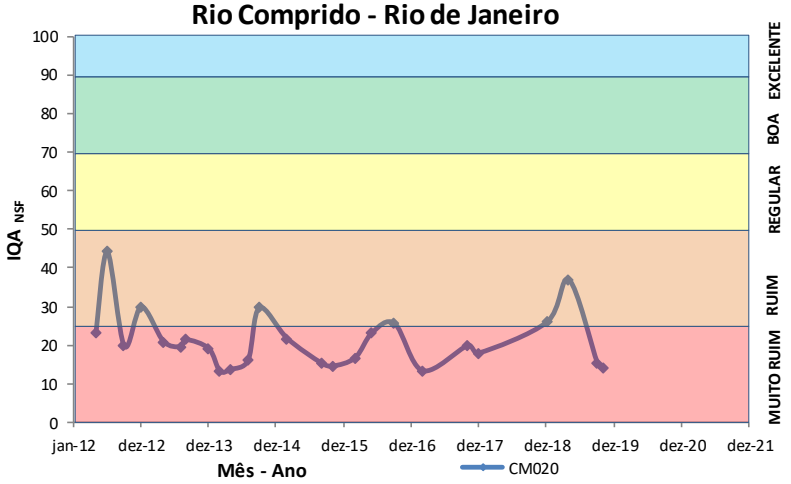
RH V Baía de Guanabara (Bacia da Baía de Guanabara)
Evolução do IQA Mensal

RH V





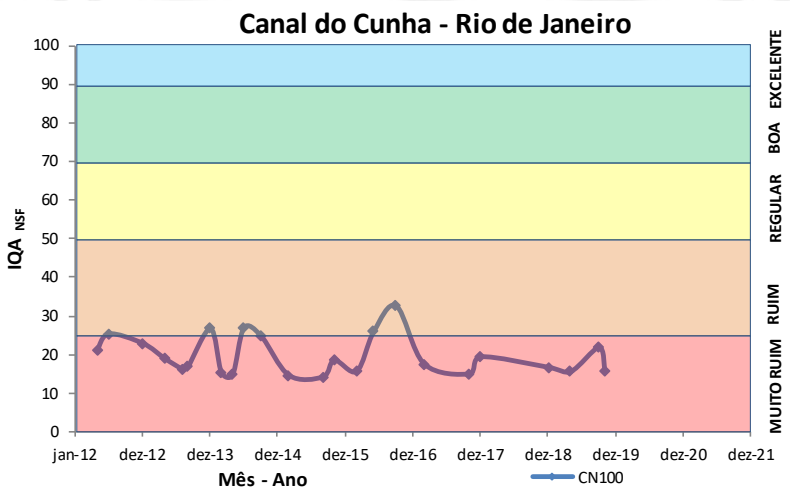


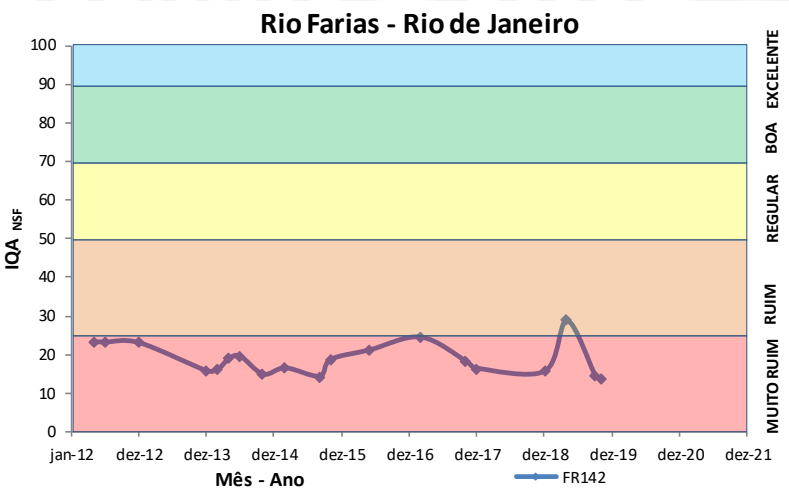


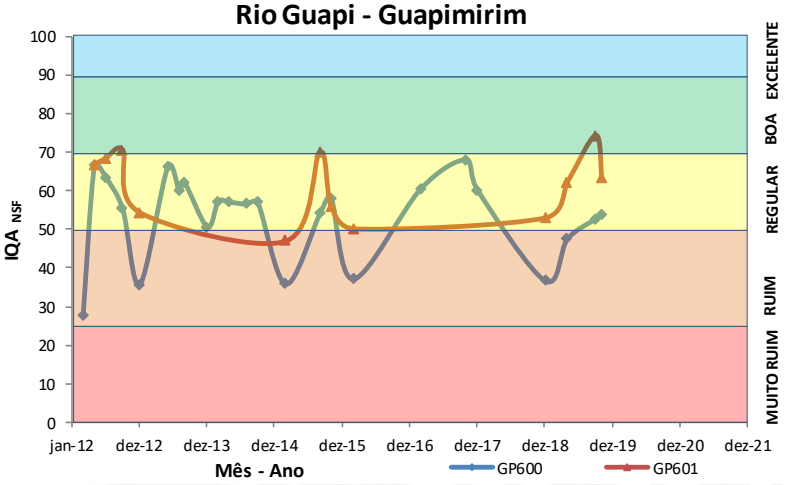
IQA_{NSF} Médio RH V – 2012 a 2020 – INEA/DISEQ/GEIHQ

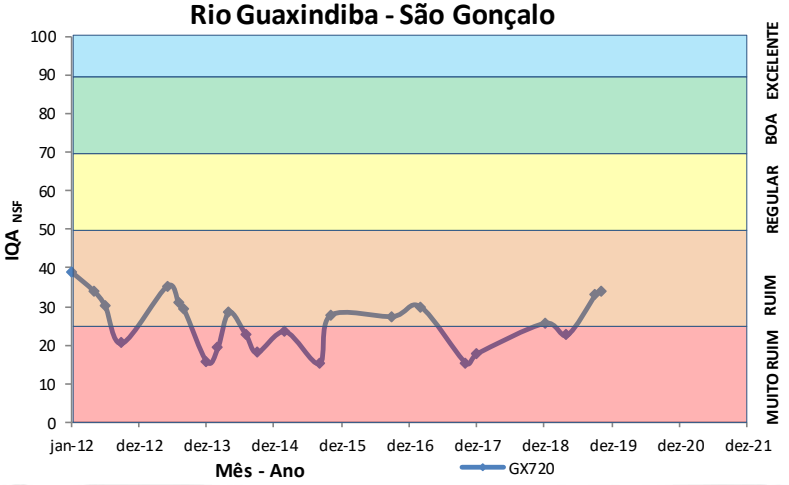
RH V Baía de Guanabara (Bacia da Baía de Guanabara)
Evolução do IQA Mensal

RH V





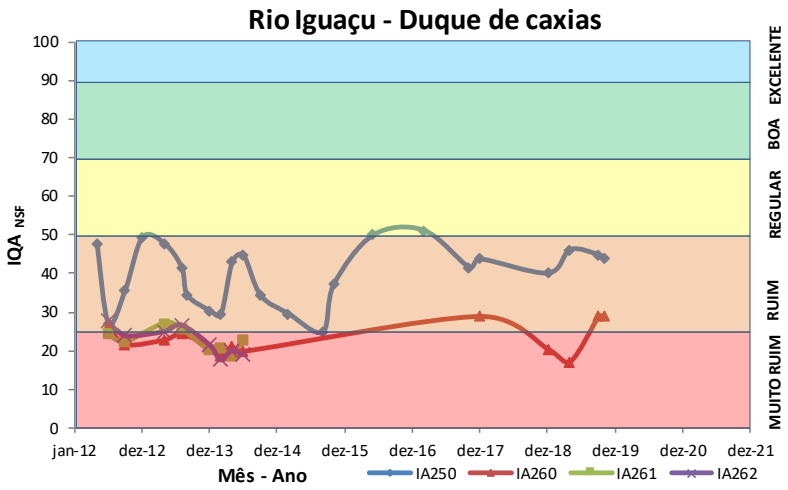


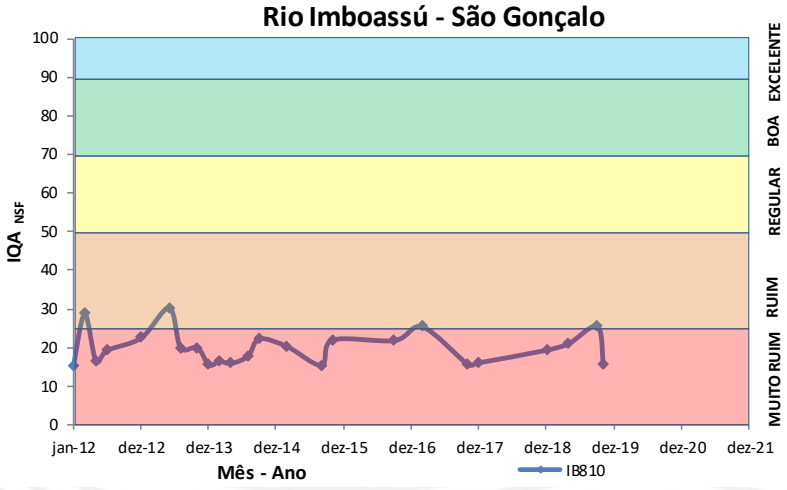


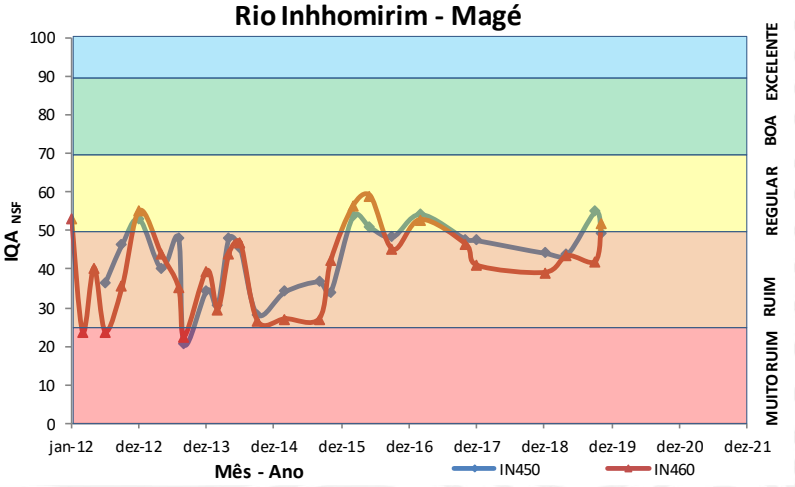
IQA_{NSF} Médio RH V – 2012 a 2020 – INEA/DISEQ/GEIHQ

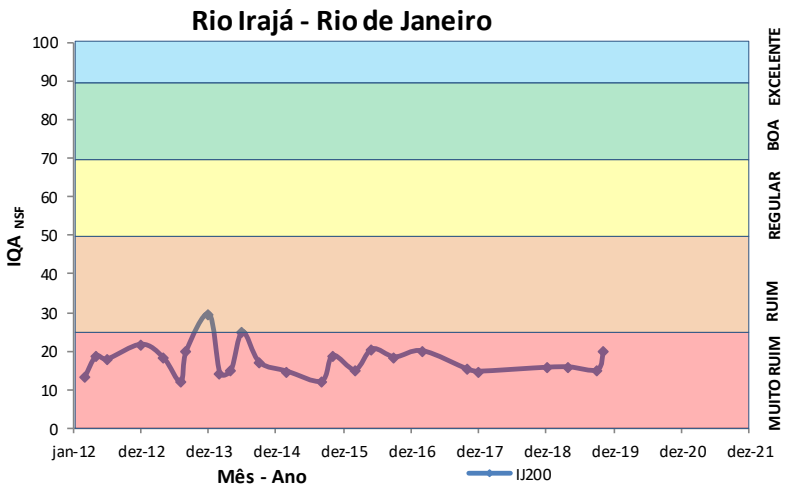
RH V Baía de Guanabara (Bacia da Baía de Guanabara)
Evolução do IQA Mensal

RH V





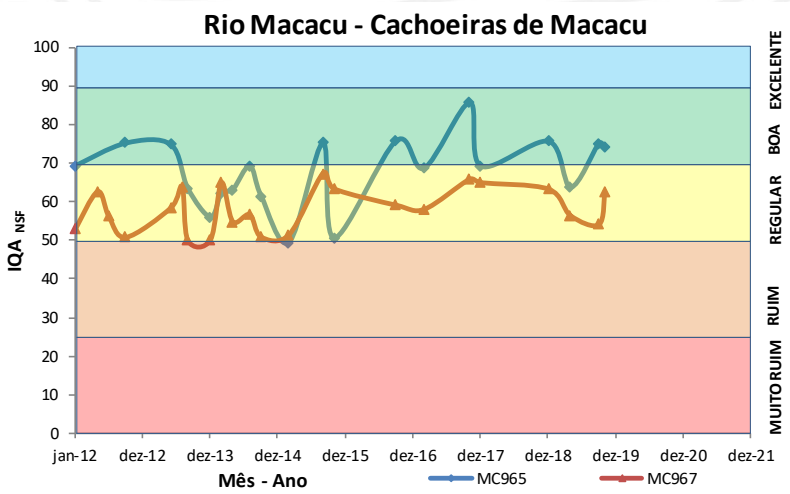


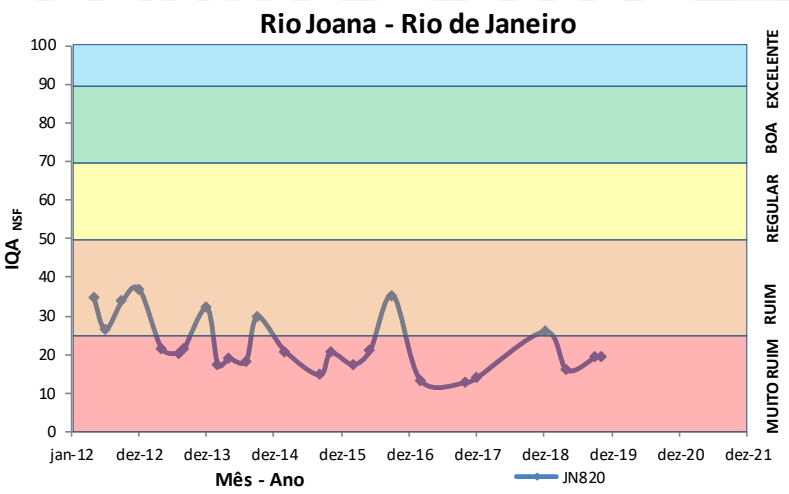


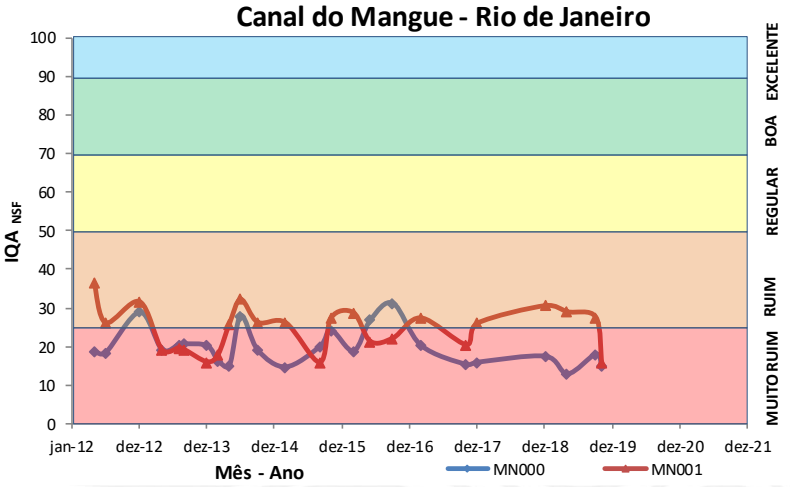
IQA_{NSF} Médio RH V – 2012 a 2020 – INEA/DISEQ/GEIHQ

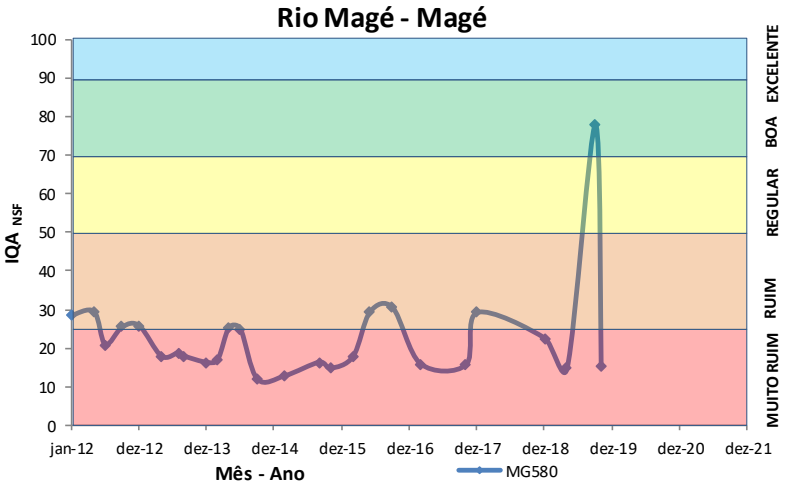
RH V Baía de Guanabara (Bacia da Baía de Guanabara)
Evolução do IQA Mensal

RH V





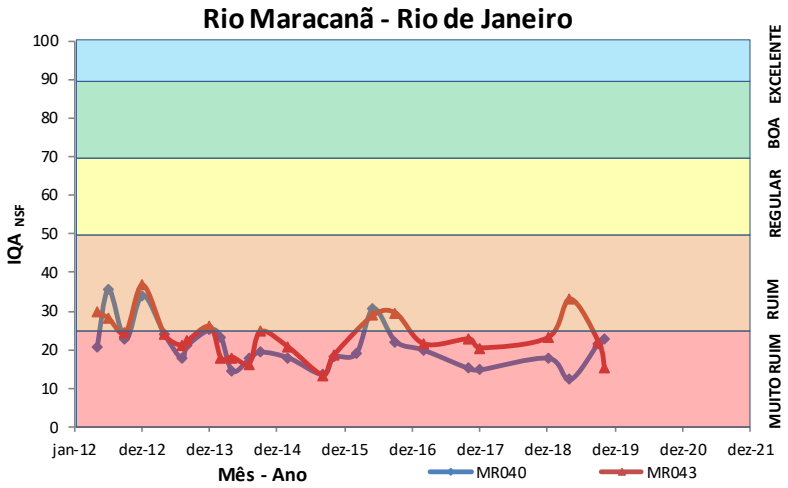


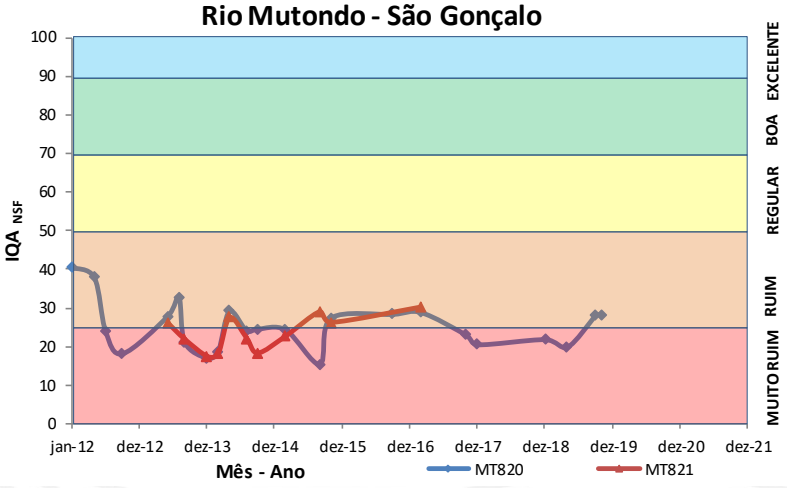


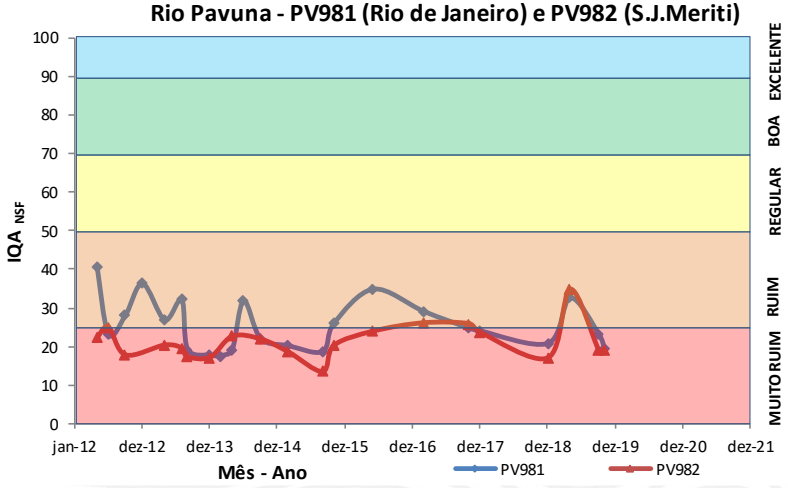
IQA_{NSF} Médio RH V – 2012 a 2020 – INEA/DISEQ/GEIHQ

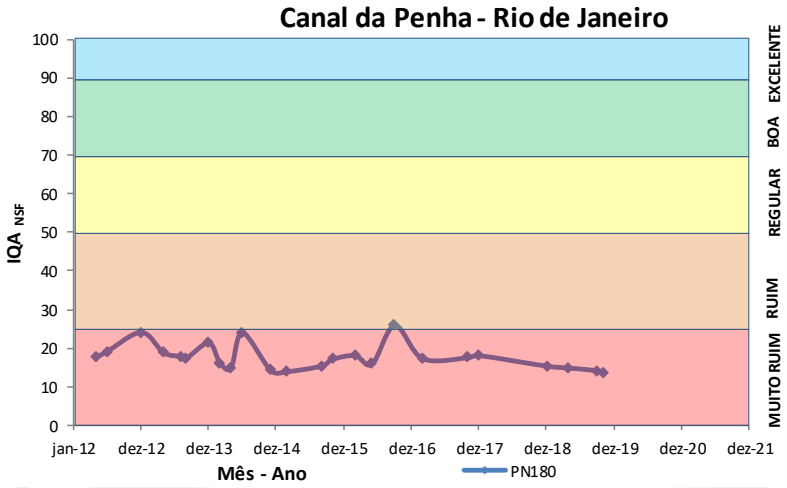
RH V Baía de Guanabara (Bacia da Baía de Guanabara)
Evolução do IQA Mensal

RH V





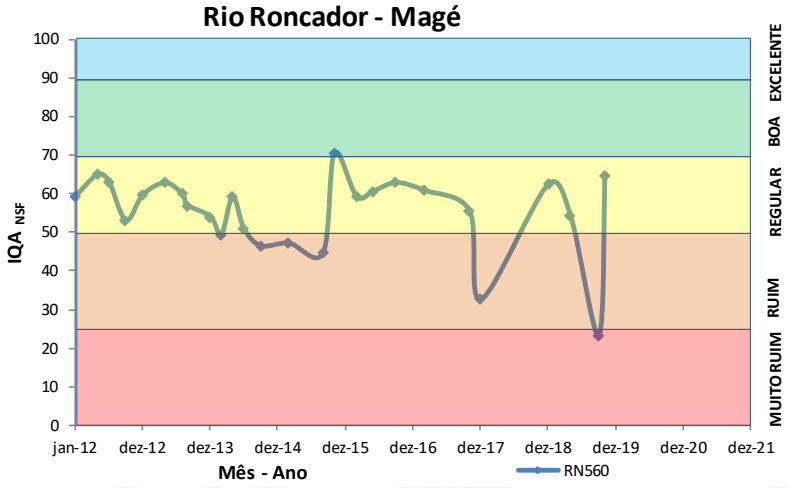


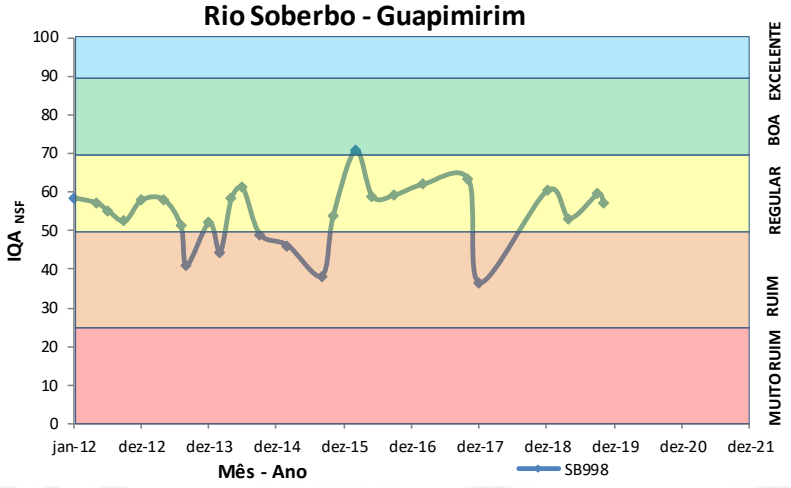


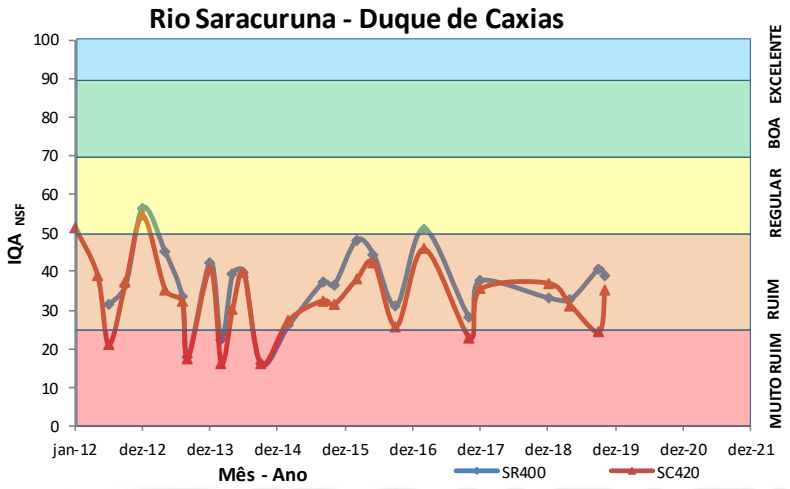
IQA_{NSF} Médio RH V – 2012 a 2020 – INEA/DISEQ/GEIHQ

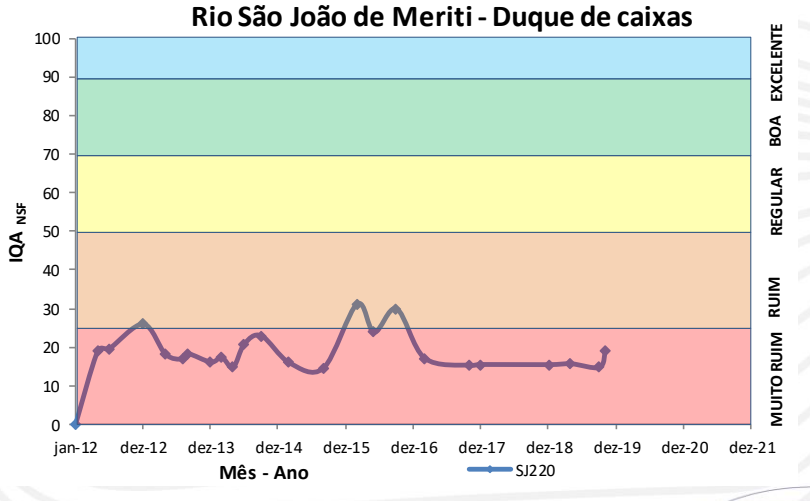
RH V Baía de Guanabara (Bacia da Baía de Guanabara)
Evolução do IQA Mensal

RH V





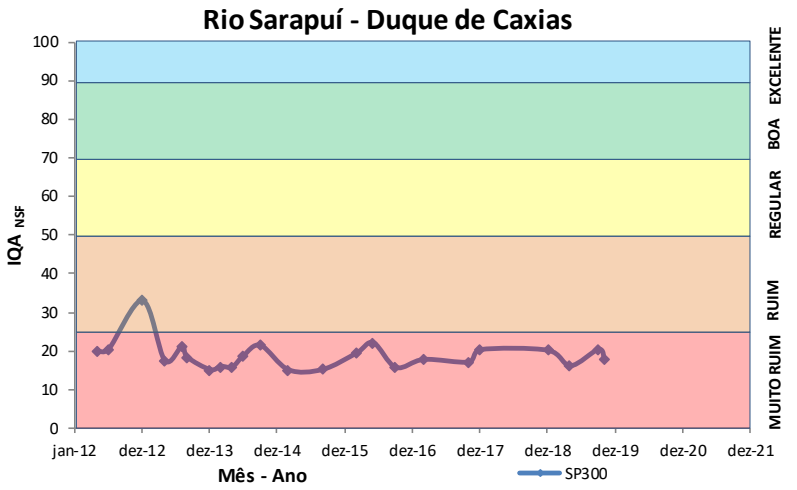


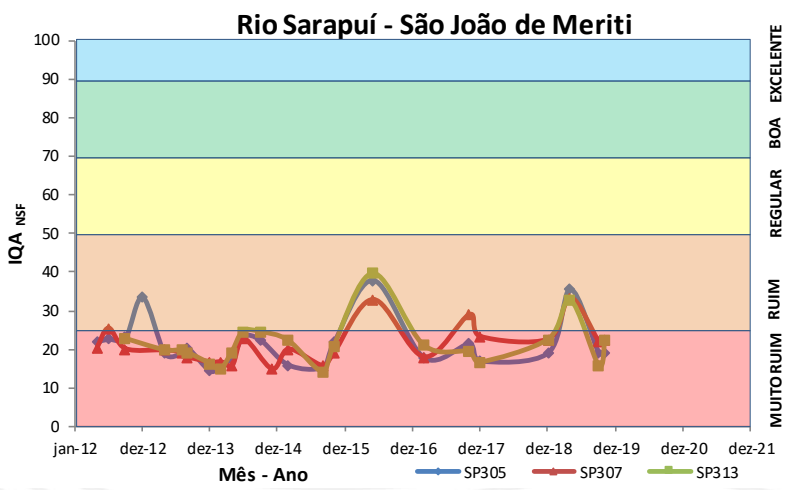


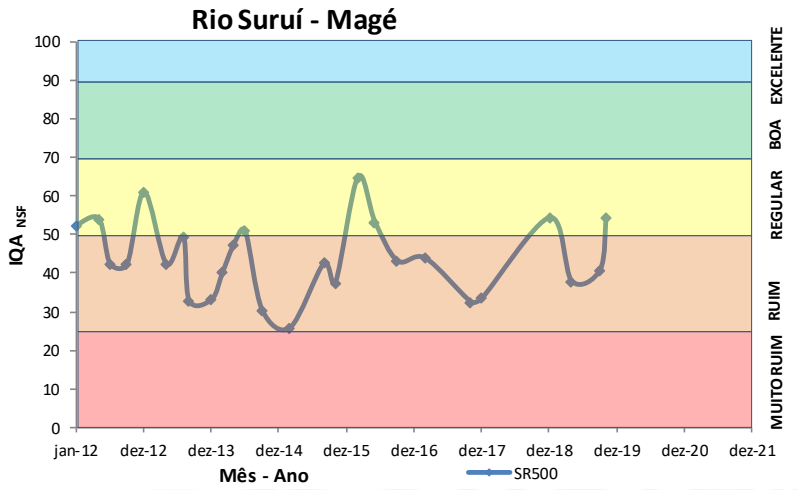
IQA_{NSF} Médio RH V – 2012 a 2020 – INEA/DISEQ/GEIHQ

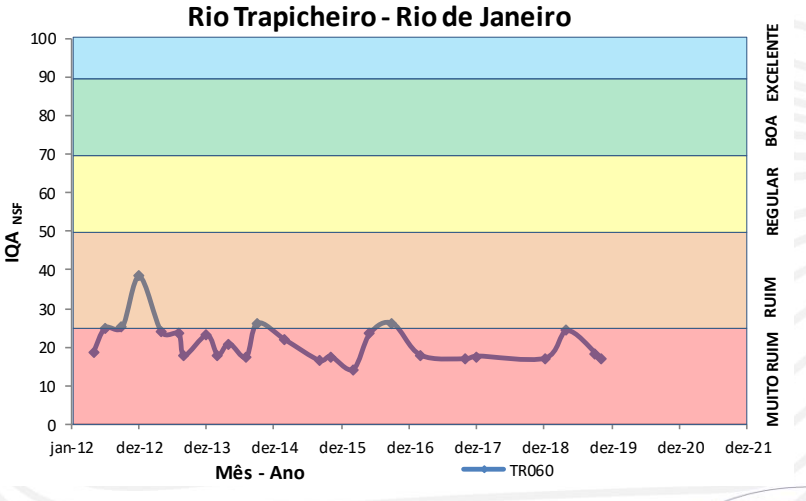
RH V Baía de Guanabara (Bacia da Baía de Guanabara)
Evolução do IQA Mensal

RH V









IQA_{NSF} Médio RH V – 2012 a 2020 – INEA/DISEQ/GEIHQ